

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 96700/1175 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/593387
INTERNATIONAL APPLICATION NO. PCT/US2005/013222	INTERNATIONAL FILING DATE 20 April 2005 (20.04.2005)	PRIORITY DATE CLAIMED 21 April 2004 (21.04.2004)
TITLE OF INVENTION STABLE OXIDATION RESISTANT POWDERED HEMOGLOBIN, METHODS OF PREPARING SAME, AND USES THEREOF		
APPLICANT(S) FOR DO/EO/US <div style="text-align: center;">Joel M. Freidman and Mahantesh S. Navati</div>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 10/593387		INTERNATIONAL APPLICATION NO. PCT/US2005/013222		ATTORNEY'S DOCKET NUMBER 96700/1175	
20. Other items or information: International Search Report (4 pages) and the Written Opinion (4 pages)					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$ 100.00	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
14 - 100 =	0 /50 =	0	x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	20 - 20 =	0	x \$ 50	\$	
Independent claims	2 - 3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 600.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 300.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 300.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/593387
IAP9/Rec'd PCT/PTO 18 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 300.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1785. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Alan-D. Miller
Amster, Rothstein & Ebenstein LLP
90 Park Avenue
New York, New York 10016


SIGNATURE

Alan D. Miller

NAME

42,889

REGISTRATION NUMBER

**AMSTER
ROTHSTEIN
& EBENSTEIN LLP**

Intellectual Property Law

90 Park Avenue
New York NY 10016

Main 212 336 8000

Fax 212 336 8001

Web www.arelaw.com

Partners

Morton Amster
Jesse Rothstein (1934 - 2003)
Daniel Ebenstein
Philip H. Gottfried
Michael J. Berger
Neil M. Zipkin
Anthony F. Lo Cicero
Kenneth P. George
Abraham Kasdan, Ph.D.
Ira E. Silfin
Chester Rothstein
Craig J. Arnold
Kenneth M. Bernstein
Joseph M. Casino

Senior Counsel

Charles R. Macedo
Michael V. Solomita

Associates

Patrick Boland*
John S. Economou
Holly Pekowsky
Michael P. Kenney
Marion P. Metelski
Max Vern
Karl J. Kolbinger

Administrative

Brian A. Domack
Richard S. Mandaro
Marc J. Jason
Elie H. Gendloff, Ph.D.
David Mitnick
Charles W. Rath
David A. Boag
Mathieu Hausig
Jung S. Hahm
Reiko Kaji
Alan D. Miller, Ph.D.
John A. Lepore
Norajean McCaffrey

*Benjamin M. Halpern**

Matthew A. Fox
Michael J. Kasdan
Rebecca R. Eisenberg
Stuart Shapley
Howard Wizenfeld

**Not admitted in New York*

September 18, 2006

Via Express Mail

(EV 725789932 US)

Mail Stop PCT

Commissioner for Patents

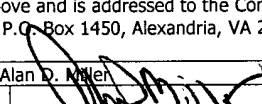
P.O. Box 1450

Alexandria, Virginia 22313-1450

Alan D. Miller

Direct 212 336 8094

E-mail amiller@arelaw.com

"Express Mail" mailing label no. EV 725789932 US	
Date of Deposit:	September 18, 2006
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Name:	Alan D. Miller
Signature:	

Re: United States National Stage Filing

of PCT Application No. PCT/US2005/013222

Title: STABLE OXIDATION RESISTANT POWDERED HEMOGLOBIN,
METHODS OF PREPARING SAME, AND USES THEREOF

Applicants: Joel M. Freidman and Mahantesh S. Navati

Our File: 96700/1175

Dear Sir:

Pursuant to 35 U.S.C. § 371 and 37 C.F.R. § 1.495, enclosed please find an application for patent in the names of Joel M. Freidman and Mahantesh S. Navati, entitled "STABLE OXIDATION RESISTANT POWDERED HEMOGLOBIN, METHODS OF PREPARING SAME, AND USES THEREOF" for entering the national stage in the United States of America, comprising the following:

1. a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 (3 pages);
2. a copy of PCT Application No. PCT/US2005/013222 as published under PCT Publication No. WO 2005/103080 A2, including cover page (1 page), specification (9 pages), and claims (4 pages);
3. International Search Report (4 pages) and the Written Opinion (4 pages);

September 18, 2006

4. Preliminary Amendment and Information Disclosure Statement (7 pages), including Forms PTO/SB/08A-B (2 pages) with one attached Reference;
5. a check in the amount of \$300.00 to cover the filing fees for a small entity; and
6. a return receipt postcard.

Please charge any outstanding amount or credit any overpayment to Deposit Account No. 01-1785. A duplicate copy of this letter is enclosed. Please also acknowledge receipt of the enclosed documents by stamping the enclosed postcard and returning the same to us.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN LLP
Attorneys for Applicants
90 Park Avenue
New York, New York 10016
(212) 336-8000

Dated: New York, New York
September 18, 2006

By: 

Alan D. Miller
Registration No. 42,889